

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1185172
<b>Application Number:</b>	10598575
<b>Confirmation Number:</b>	7327
<b>Title of Invention:</b>	NON-CENTRALIZED MIDDLEWARE CHANNEL STRUCTURES FOR IMPROVED THROUGHPUT EFFICIENCY
<b>First Named Inventor:</b>	Jeffrey Hugh REED
<b>Customer Number:</b>	30743
<b>Filer:</b>	Olga V. Merkulova
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	01640453AA
<b>Receipt Date:</b>	05-SEP-2006
<b>Filing Date:</b>	
<b>Time Stamp:</b>	14:26:27
<b>Application Type:</b>	U.S. National Stage under 35 USC 371
<b>International Application Number:</b>	PCT/US05/06789

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$365
RAM confirmation Number	1057
Deposit Account	502041
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
1		01640453AAspec.PDF	586082	yes	45
	Multipart Description				
	Doc Desc		Start	End	
	Transmittal letter		1	3	
	Oath or Declaration filed		4	6	
	Abstract		7	9	
	Specification		10	22	
	Claims		23	27	
	Drawings		28	30	
	Documents submitted with 371 Applications		31	32	
	Documents submitted with 371 Applications		33	33	
	Documents submitted with 371 Applications		34	35	
	Documents submitted with 371 Applications		36	37	
	Documents submitted with 371 Applications		38	43	
	Information Disclosure Statement (IDS) Filed		44	44	
	NPL Documents		45	45	
Warnings:					
Information:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	8569	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			594651		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.